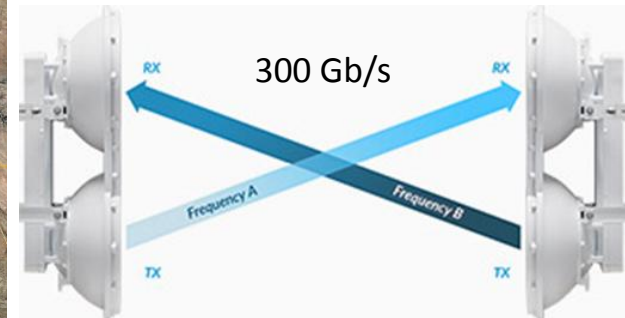
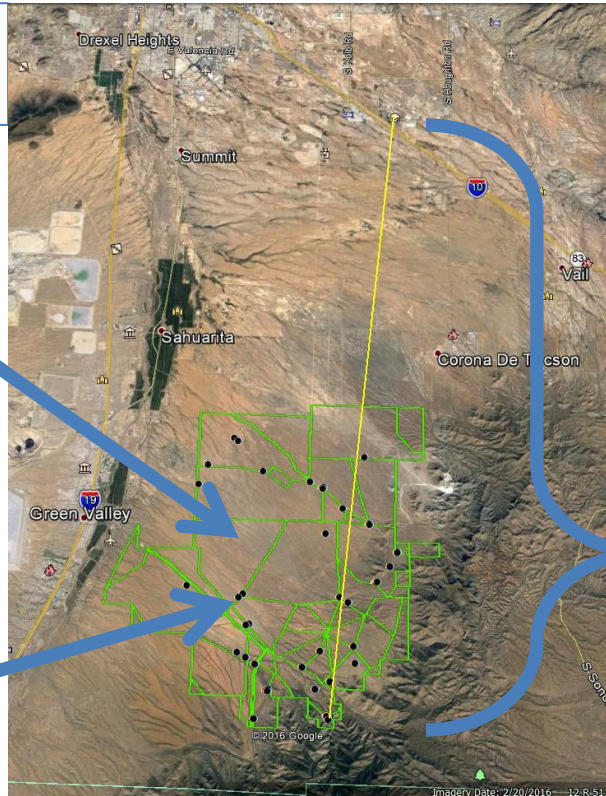
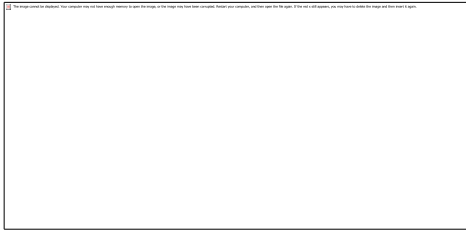


Moving Rangeland Research into the 21st Century

300 gb/s Wireless across the Santa Rita by January 2017

- 1 Cow per 100 acres
- 1 water tank per 1500 acres



23 miles from
headquarters to
UA Tech Park

UA Santa Rita Experimental Range
35 miles south of campus



Ranchers spend too much money and gas trying to find cattle and check the drinking water

Can this be done remotely, to save money and energy?

Lo-tech uses too much energy



Can Hi-tech save energy?



Can RFID and other sensors can be a solution?

Will wireless be part of the solution?